Kodumajapidamises kasutatavad pesupesemismasinad. Toimimisnäitajate mõõtemeetodid

Clothes washing machines for household use - Methods for measuring the performance



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 60456:2001 sisaldab Euroopa standardi EN 60456:1999 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 18.05.2001 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

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Standard on kättesaada

standardiorganisatsioonist

This Estonian standard EVS-EN 60456:2001 consists of the English text of the European standard EN 60456:1999.

This standard is ratified with the order of Estonian Centre for Standardisation dated 18.05.2001 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

ICS 97.060

comparative tests, household electrical appliances, performance, spin extractors, test methods, washing machines

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM



EN 60456

June 1999

ICS 97.060

Supersedes EN 60456:1994 and its amendments

English version

Glothes washing machines for household use Methods for measuring the performance

(IEC 60456:1998, modified)

Machines à laver le linge pour usage domestique - Méthodes de nusure de l'aptitude à la fonction

(CEI 60456:1998, modifiée)

Waschmaschinen für den Hausgebrauch Verfahren zur Messung der Gebrauchseigenschaften (IEC 60456:1998, modifiziert)

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Foreword

The text of the International Standard IEC60456:1998, prepared by SC59D, Home laundry appliances, of IEC TC 59, Performance of household electrical appliances, together with common modifications prepared by the Technical Committee CENELEC TC59X, Consumer information related to household electrical appliances, was submitted to the formal vote and was approved by CENELEC as EN 60456 on 1999-05-01.

This European Standard supersedes EN 60456:1994 and its amendments.

Significant technical differences are:

- a) Agitator and impeller washing machines have been included.
- b) Tolerance limits have been specified for instrumentation, base loads and detergent.
- c) Instrumentation of measuring optical reflectance has been specified.
- d) The temperature of hot water supply has been raised from (55 + 2) °C to (60 +2) °C.
- e) A formula to calculate the energy consumption of washing machines without heating elements or with cold and hot water supply has been introduced (see common modifications).
- f) The tolerances for the declaration of the washing performance are changed.

The following dates were fixed:

 latest date by which the EN has to be impermented at national level by publication of an identical national standard or by endorsement

(dop) 1999-10-01

- latest date by which the national standards conf with the EN have to be withdrawn

(dow) 1999-10-01

Annexes designated "normative" are part of the body of the standard. Annexes designated "informative" are given for information only

Annexes designated "informative" are given for information only In this standard, annexes A, B, C and ZA are normative and annexes D, E, F and G are informative.

ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC60456:1998 was approved by CENELEC as a European Standard with agreed common modifications as given below.

COMMON MODIFICATIONS

1 Scope

Add a fourth paragraph:

This European Standard also specifies, as far as necessary, the test methods which shall be applied in accordance with the Commission's Directive 95/12/EC of 23 May 1995 implementing Council Directive 92/75/EEC with regard to energy labelling of household washing machines. It adds a subclause which specifies the determination of the energy consumption of washing machines without heating elements and clauses defining permitted tolerances to values declared by the manufacturer and control procedures for checking these declared values.

2 Normative references

Add the following references:

IEC 60704-2-4: 1989 Test code for the determination of airborne acoustical noise emitted by

household and similar electrical appliances - - Part 2: Particular

requirements for washin pachines and spin extractors

IEC 60704-3 : 1992 Test code for the determination of airborne acoustical noise emitted by

household and similar electrical appliances - - Part 3: Procedure for

determining and verifying declared noise emission values

3.12 rated capacity

Add a second paragraph:

For measuring the performance of washing machines according to this standard the rated capacity shall correspond with the test load. The test load comprises the base load specified in 7.1 and the test strips specified in 7.3.

6 General conditions for measurements

6.1 General

Add a second sentence:

For the purpose of energy labelling according to the Commission Directive mentioned in clause 1, Scope, the 60 °C cotton programme shall be used without pre-wash in accordance with the manufacturers instruction.